



PTO/SB/08A (10-01)

Approved for use through 10/31/2002.OMB 0651-0031

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete if Known</b>				
		Application Number	10/080,985			
		Filing Date	February 22, 2002			
		First Named Inventor	Reid J. Riedlinger			
		Art Unit	N/A			
		Examiner Name	Not Yet Assigned			
Sheet	1	of	2	Attorney Docket Number	10971429-1	Technology Center 2100

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant	
		Number-Kind Code <sup>2</sup> (if known)			Class	Figures or Sub
RGB		3,462,744	09/28/1966	Tomasulo et al.		
RGB		4,197,589	04/08/1980	Cornish et al.		
RGB		4,807,115	02/21/1989	Torng		
RGB		4,899,275	02/06/1990	Sachs et al.		
RGB		4,905,141	02/27/1990	Brenza		
RGB		5,179,675	01/12/1993	Cole et al.		
RGB		5,493,660	02/20/1996	DeLano et al.		
RGB		5,561,784	10/01/1996	Chen et al.		
RGB		5,577,225	11/19/1996	McClure		
RGB		5,640,534	06/17/1997	Liu et al.		
RGB		5,752,260	05/12/1998	Liu		
RGB		5,745,729	04/28/1998	Greenley et al.		
RGB		5,835,934	11/10/1998	Tran	711	3
RGB		5,918,245	06/29/1999	Yung	711	122
RGB		5,930,819	07/27/1999	Hetherington et al.	711	131
RGB		5,956,752	09/21/1999	Mathews	711	204
RGB		6,021,471	02/01/2000	Stiles et al.	711	140
RGB		6,081,873	06/27/2000	Hetherington et al.	711	131
RGB		6,138,208	10/24/2000	Dhong et al.	711	122
RGB		6,145,054	11/07/2000	Mehrotra et al.	711	119
RGB		6,226,713	05/01/2001	Mehrotra	711	118
RGB		6,237,064	05/22/2001	Kumar et al.	711	122
RGB		6,272,597	08/07/2001	Fu et al.	711	131
RGB		6,272,601	08/07/2001	Nunez et al.	711	140

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant	
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)			Passages or Relevant Figures Appear	T <sup>6</sup>
RGB		EP 0468453 A2	01/29/1992	Kabushiki Kaisha Toshiba		
RGB		UK 2345770 A	07/19/2000	ARM Limited		
RGB		WO 98/14951	04/09/1998	Sun Microsystems, Inc.		
RGB		WO 09/13763	04/02/1998	Philips Electronics		

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See attached Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
RGB		BOWRA, JAMES W. et al., "The Modeling and design of Multiple Function-Unit Processors," IEEE Transactions on Computers, Vol. C-25, No. 3, March 1976, pages 210-221	
RGB		KELLER, ROBERT M., "Look-Ahead Processors," Computing Surveys, Vol. 7, No. 4, Dec. 1976, pages 177-195	

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Substitute for form 1449B/PTO				<b>Complete if Known</b>	
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				Group Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	2	of	2	Attorney Docket Number	10971429-1

  

RGB	ACOSTA, RAMON D. et al., "An Instruction Issuing Approach to Enhancing Performance in Multiple Functional Unit Processors," IEEE Transactions on Computers, Vol. C-35, No. 9, Sept. 1986, pages 815-828.
RGB	TJADEN, GAROLD et al., "Detection and Parallel Execution of Independent Instructions," IEEE Transactions on Computers, Vol. C-19, No. 10, Oct. 1970, pages 889-895.
RGB	HUNT, DOUG, "Advanced Performance Features of the 64-bit PA-8000," Hewlett-Packard website at <a href="http://www.hp.com/ahp/framed/techn...micropro/pa-8000/docs/advperf.html">http://www.hp.com/ahp/framed/techn...micropro/pa-8000/docs/advperf.html</a> , printed 11/9/1999, 12 pages.
RGB	GADDIS, NEELA B. et al., "A 56-Entry Instruction Reorder Buffer," Hewlett-Packard website at <a href="http://www.hp.com/ahp/framed/techn...micropro/pa-8000/docs/56entry.html">http://www.hp.com/ahp/framed/techn...micropro/pa-8000/docs/56entry.html</a> , printed 11/9/1999, 3 pages.
RGB	SCOTT, ANNE P. et al., "Four-Way Superscalar PA-RISC Processors," Hewlett-Packard Journal, August 1997, 9 pages.

  

Examiner Signature	Reginald B. Bradley	Date Considered	11/18/2003
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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